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NO. LTC # 120-2012

2012 MAY -3 PM 3: 24 LETTER TO COMMISSION

TO:

Mayor Matti Herrera Bower and Members of the City Commission

FROM:

Jorge M. Gonzalez, City Manager

DATE:

May 2, 2012

SUBJECT International Baccalaureate (IB) Implementation Update

The purpose of this Letter to Commission (LTC) is to update the Mayor and Commissioner on the status of the International Baccalaureate (IB) Program at all Miami Beach Public Schools, including program descriptions, expenditures to date and estimated ongoing costs, per a request from Commissioner Tobin.

The Education Compact with Miami-Dade County Public Schools (MDCPS), established on January 16, 2008, includes the development of a citywide International Baccalaureate Program, accessible to every child attending a Miami Beach public school at every level from Kindergarten through 12th grade. Please find attached a breakdown of all City costs incurred as of September 2011, to implement the IB program at City public schools. As of 2011, approximately 4,729 youth are participating in the IB program as follows:

Primary Year Program - Grades K-5

- South Point 385 students
- Biscayne 720 students
- North Beach 1050 students
- Fienberg Fisher 670 students

Middle Year Program - Grades 6-10

- Nautilus 1200 students
- Fienberg Fisher 309 students
- Beach High (linked to Scholars Academy- modified) 300 students

Diploma Program – Grades 11-12

• Beach High 100 students

Total students = 4,729

The Primary Years Program (PYP) for pupils aged 3 to 12 focuses on the development of the whole child in the classroom and in the world outside. The most significant and distinctive feature of the IB Primary Years Program is the six transdisciplinary themes. These themes are about issues that have meaning for, and are important to, all of us.

The program offers a balance between learning about or through the subject areas, and learning beyond them. The six themes of global significance below create a transdisciplinary framework that allows students to "step up" beyond the confines of learning within subject areas:

- Who we are
- Where we are in place and time
- How we express ourselves
- How the world works
- How we organize ourselves
- Sharing the planet

The Middle Years Program (MYP) for students aged 11 to 16 provides a framework of academic challenge and life skills through embracing and transcending traditional school subjects. The program consists of eight subject groups integrated through five areas of interaction that provide a framework for learning within and across the subjects. Students are required to study their mother tongue, a second language, humanities, sciences, mathematics, arts, physical education and technology. In the final year of the program, students also engage in a personal project, which allows them to demonstrate the understandings and skills they have developed throughout the program.

The Diploma Program for students aged 16 to 19 is a demanding two-year curriculum that meets the needs of highly motivated students, and leads to a qualification that is recognized by leading universities around the world. IB Diploma Program students study six courses at higher level or standard level. Students must choose five subjects thus ensuring breadth of experience in languages, social studies, the experimental sciences and mathematics. The sixth subject may be an arts subject. There is also an extended essay requirement for students to engage in independent research through an in-depth study of a question relating to one of the subjects they are studying.

Attachment 1 shows the estimated ongoing costs of the IB program for Miami-Beach Schools as provided by MDCPS. However, major components of these costs have been offset by Miami Beach in prior years. A summary of costs incurred to date by the City of Miami Beach as well as available funds as of September 30, 2011 is provided in Attachment 2.

The City of Miami Beach has made a significant impact throughout the entire county as the Compact between the City and the School Board is a model of how a City can strengthen the relationship between schools and community. As a result of our compact, the recent 2012 Community Satisfaction Survey indicated that 91% of residents are very satisfied or satisfied with Miami Beach public schools.

If you have any guestions, or need additional information, please feel free to contact me.

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Attachments

Attachment 1 MDCPS Estimated Ongoing IB Costs

Miami Beach Feeder Pattern - International Baccalaureate
Average Yearly Costs

Below program costs are averages for each school. The City has funded the majority of professional development since 2008, with funding for all application fees provided by the City as well. Those costs highlighted below will continue to be offset by City funds, along with contributions by our community partners and negotiated contracts.

Primary Years Program (PYP) Grades Pre-K - 5 (South Point, North Beach, Biscayne)

		Annual Cost	
Description	Eac	ch-School	
IB Coordinator	\$	73,000	
Professional Development (20 Teachers x \$1,800)	\$	36,000	
IB Dues and Fees	\$	8,500	
Substitute Cost \$106/Day (20 Teachers x 3 Days = 60 Days)	\$	6,360	
Books and Curricular Materials	\$	6,140	
TOTAL	\$	130,000	
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Primary Years Program and Middle Years Program (PYP & MYP) Combination K-8 Center (Feinberg Fisher)

Description	70-7	
IB Coordinator (MYP & PYP)	\$	75,000
Language B Teacher	\$	75,000
Area of Interaction Supplements (\$2,306/ea for 3 Teachers)	\$	6,918
Professional Development (10 Teachers x \$1,800)	\$	18,000
IB Dues and Fees	\$	15,000
Substitute Cost \$106/Day (10 Teachers x 3 Days = 60 Days)	\$	3,180
Books and Curricular Materials	\$	12,722
	TOTAL \$	205,820

Middle Years Program (MYP) Grades 6,7,8 (Nautilus)

Description			
IB Coordinator	\$	75,000	
Area of Interaction Supplements, (\$2,306/ea for 3 Teachers)	\$	6,918	
Professional Development (20 Teachers x \$1,800)	\$	36,000	
IB Dues and Fees	\$	8,500	
Substitute Cost \$106/day (20 Teachers x 3 Days = 30 Days)	\$	6,360	
Books and Curricular Materials	\$	8,402	
/*TOT/	AL S	141,180	

Attachment 1 MDCPS Estimated Ongoing IB Costs

Diploma Program (DP)* Grades 11-12 (Beach High)

Description		
IB Coordinator	\$	75,000
IB Dues and Fees	\$	10,000
Florida League of IB Schools (FLIBS)	\$	200
Professional Development (10 Teachers x \$1,800)	\$	18,000
Substitute Cost \$106/day (10 teachers x 3 days = 30 days)	\$	3,180
Exam Cost Estimate	\$	41,500
Fedex Cost Estimate	\$	3,000
Software	\$	2,000
Books and Curricular Materials	\$	10,940
$\Pi_{i}=0$	OTAL \$	163,820

^{*}Dependent upon number of students in DP

Attachment 2

Summary of Costs incurred by City of Miami Beach for IB as of September 30, 2011

As of FY11, all Miami Beach Public School are IB authorized schools. The total expenditures as of 9/30/11 is \$354,318, which includes IB professional development (teacher training in specific IB required curriculum) and all application fees for each school. Anticipated support on a go forward basis would be ongoing professional development for new teachers, subject specific development for middle and high school staff, and annual fees. The City will continue to reach out to the community to assist with supporting this City initiative, similar to our relationship with the MB Chamber. Potential support may also be obtained through contract negotiations similar to the waste hauler agreements.

Fund 199 \$129,560 (Fund balance as of 9/30/11)

FY 12 129,000 (Budget)

FY 12 Expenditures to date

\$28,500 Application B for Treasure Island, Fienberg, and Biscayne

\$19,150 Professional Development all schools (27 teachers)

Total prior years expenditures \$354,318

FY11 \$7,000

Application B Nautilus Middle School

FY10 \$43,168

Professional Development of teachers at various Beach public schools (\$16,168)

Application A and B for schools required for authorization (\$27,000)

FY09 \$234.886

Professional Development for approximately 500 teachers (\$214,073) Application A for elementary schools and consultant for MYP (\$20,813)

FY08 \$69,264

Professional Development of staff at MBSH, Nautilus, and Fienberg (\$48,264)

Application A for MBSH, Nautilus, and Fienberg (\$21,000)

Fund 177 \$111,612.50 (Fund balance as of 9/30/11)

Sources: \$6,620 Chamber

\$7,000 Chamber \$8,000 Chamber \$89,992 Waste Hauler

FY11 \$111,612.50